

(REFERENCE COPY - Not for submission)

#### FCC Form 399: Reimbursement Request

Facility 66170 Service: DTV Call KTIV Channel: 14 (UHF)

Sign:

0000027507

Number:

ID:

File

FRN: **0025026022** Date

Date **01/08** 

Submitted: /2020

## Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
KTIV License, LLC Doing Business As: KTIV License, LLC	Brady Dreasler PO Box 909 Quincy, IL 62306 United States	+1 (217) 223-5100	bdreasler@quincymedia. com	Limited Liability Company

### Reimbursement Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email
Tony zumMallen  QCommunications	Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States	+1 (816) 729- 1177	tony@qcom1. com

#### Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	The transition from channel 41 to channel 14 requires shared interim systems with KMEG and KPTH through a combiner. KTIV will require a new antenna, line and transmitter to complete the transition.

#### **Transmitters**

Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

#### Primary Transmitter

#### **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	PowerCD
	Year	2006
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 kW

#### Primary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.7 kW
	Justification for New Transmitter	IOT Transmitter is not tunable per the manufacturer. Special Case- Channel 14 requirements. Per engineering consultant new TPO required is 56.7kw.

#### Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA

Rigid Conduit and Wiring	Yes
Size	2 inches
Length	500.0 feet
Other Electrical Service	No
Description	N/A
Does the replacement transmitter require HVAC Service?	Yes
Туре	Cooling Only
Size	25 tons
Other Size	N/A
Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Size	N/A
Is an RF Consulting Engineer needed?	N/A
Is a channel 14 Mask Filer needed?	N/A
Is additional field engineering time needed?	N/A
Number of Days	10
	Size  Length  Other Electrical Service  Description  Does the replacement transmitter require HVAC Service?  Type  Size  Other Size  Does the Transmitter Building require an addition, modification, other leashold improvement?  Size  Is an RF Consulting Engineer needed?  Is a channel 14 Mask Filer needed?  Is additional field engineering time needed?

#### Primary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Disconnect existing Transmitter	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.
Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.
ELECTRICAL EQ INSTALLATION	INT AND MAIN TX REQUIRE NEW ELECTRICAL SYSTEMS INSTALLATIONS

Securirty - Site	This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.
Channel 14 remediation	After working with the NAB and our consulting engineer a LM remediation budget needs to be added to cover these estimated costs of operating in CH 14.
Transmitter - Training	Transmitter training - offsite - 1 week in duration at mfg site.
Freight - MFG	Freight- from MFG to staging area or station
Site Survey - TX	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.
Sales Tax - Non Exempt -IA	KTIV is not tax exempt from Iowa Sales tax - Gates calculates
RF Accessories-other	RF Accessories on Gates Q-62047 for transmitters not captured on existing line items

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	20 kW
	Justification for New Transmitter	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.

#### Interim Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	500.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

#### Interim Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.

Sales Tax est	IA sales tax est per mfg
Freight - TX eq	Freight from the mfg to stations TX site.

#### **Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	873.0 kW

Manufacturer	
Model	TFU-30JTH- R-04
Year	2006

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	873.0 kW
	Manufacturer	
	Model	TFU-31ETT

Year	2017
Justification for New Antenna	Required to operate on the new channel assignment. Ch14 special case. FAA height restrictions. E-POL has been added and that will be treated as an upgrade which is not reimbursable. \$240,000 is verified.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

#### **Other Antenna Cost Not Listed**

Name	Description
FREIGHT EQUIPMENT	FREIGHT FOR THE ANTENNA AND LINE FROM MFG TO STORAGE OR STAGING AREA.
SWEEP NEW ANTENNA AND LINE	SWEEP NEW ANTENNA AND LINE

#### Interim Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Slot
	Number of Stations Supported	3
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	300.0 kW
	Manufacturer	
	Model	TFU-24WB- 1-R
	Year	2017

Justification for New Antenna  Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Shared with KPTH and KMEG. Paid from the KPTH deal.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

# Enter a list of RF channel numbers.

RF Channel Number		
30		
32		
14		

#### Interim Antenna

#### **Other Antenna Cost Not Listed**

Name	Description
SWEEP NEW LINE AND ANTENNA	SWEEP NEW ANTENNA AND LINE

Transmission	Section	Question	Response
Line	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

#### **Existing Transmission Line**

# Primary Transmission<sub>S</sub> Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2298 feet per run

#### **New Transmission Line**

Filliary	
<b>Transmission</b>	าร
Line	Ĭ

**Primary** 

<sup>N</sup> Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2140 feet per run
	Justification for New Transmission Line	Required to make the channel assignment relocation from CH41 to CH14

#### Other Transmission Line Expenses Not Listed

Transmission Line	<sup>1</sup> Name	Description	
	Disconnect existing Interior RF	Disconnect interior RF transmission line	
	components	and filters from existing configuration and	
		move within the building to make way for	
		new facilities.	

# Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

#### Primary Tower

#### **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1057963
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	42° 35' 12.0" N-
	Longitude (NAD83)	096° 13' 19.0" W-
	Overall Structure Height	1987.84 fe
	Support Structure Height	1847.09 fe
	Ground Elevation Above Mean Sea Level (AMSL)	1332.99 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Heartland Tower Company, L.L.C.
Date Constructed	02/22/2007

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
77451	KPTH	DTV
39665	KMEG	DTV

#### Primary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

#### Primary Tower

#### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
Helicopter Services Required	Are helicopter services required?	No

Primary Tower Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1405
	Explanation	Scope & significance of project (QMI has multiple stations repacked) require outside management services to augment existing internal personnel to assist turnkey management of and ensure timely and safe execution of channel relocation.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	4
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	4
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
		,

RF exposure measurements	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

#### Outside Professional Services Costs

#### Other Professional Services Expenses Not Listed

Name	Description
General Repack Legal Services	See attached memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399
Quarterly reporting	Preparation and submittal of the FCC required quarterly report 387 by PM and attorney.
Vendor Travel Expenses	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses.
Plumbing work for TX cooling systems	New TX Interim and Main required new plumbing systems to be installed

# Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

#### Other Expenses Not Listed

Name	Description
SITE SAFETY AND CLEARING PREP	CLEAR THE CONTROLLED AREA AROUND THE TOWER OF BRUSH AND APPLY INSECTICIDE TO PREVENT ACCIDENTS AND PROMOTE A SAFE SITE AND MINIMIZING RISK.

# **Cost Information**

#### **Transmitters**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actua Justif
Interim Transmitter ULXTE-30	\$1,029,337.90	\$980,937.90		\$632,210.55	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$650,000.00	N/A	\$554,212.02	
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$4,997.49	
2" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$12,500.00	N/A	N/A	
25 Ton system	\$91,500.00	\$87,000.00	N/A	N/A	
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$32,765.43	
Freight - TX eq	\$8,400.00	\$8,400.00	est cost to have the interim transmitter delivered from the mfg to transmitter site. per QTE Q- 64042	\$7,700.00	
Transmitter Site Preparation	\$5,000.00	\$5,000.00	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.	\$5,000.00	

Sales Tax est	\$41,737.90	\$41,737.90	as determined by GatesAir in the invoice	\$27,535.61
Primary Transmitter ULXTE-100	\$2,685,249.08	\$2,205,523.92		\$1,761,359.09
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$40,000.00	GATES EQ QUOTE AND LOCAL ELECTRIC INSTALL AND EQUIPMENT QUOTE	\$39,705.62
ELECTRICAL EQ INSTALLATION	\$99,000.00	\$99,000.00	ELECTRICAL MODIFICATIONS FOR NEW MAIN AND INTERIM TX. USED THREE FCC LINE ITEMS - OTHER- ELECTRICAL AND MAIN TRANSMITTER - RF AND MAIN TX ELECTRICAL TOTALING 161592.36	\$98,625.90
RF Accessories- other	\$89,324.90	\$89,324.90	RF Accessories per GatesAir Q- 62047 Items C. RF Accessories. Captures required equipment not identified in existing 399 line items USE THE LINE C FROM THE ULXTE -72 QUOTE Q-74824	\$89,324.90
Sales Tax - Non Exempt -IA	<i>\$133,564.18</i>	\$133,564.18	KTIV is not exempt from IOWA state sales tax. Gates calculates sales tax for invoices. see Q62047 and INV TE10004376	\$101,177.09

Site Survey - TX	\$25,000.00	\$25,000.00	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.	\$18,500.00
Freight - MFG	\$17,300.00	\$17,300.00	Freight- from MFG to staging area or station	\$0.00
Transmitter - Training	\$3,300.00	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A
Channel 14 remediation	\$25,000.00	\$25,000.00	Reduced 10-12- 2017 per FCC Verified letter from \$500k to \$25k - to be increased as actual costs are required for remediation.	\$10,000.00
Securirty - Site	\$17,500.00	\$17,500.00	This site requires security once the new transmission line and equipment arrive on site to be installed.  Estimated length of 4-6 weeks.	\$15,654.10
Transmitter Site Preparation	\$10,500.00	\$10,500.00	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.	\$10,500.00

Disconnect existing Transmitter	\$25,000.00	\$25,000.00	Disconnect transmitter and components from existing configuration and move within building to make way for new	\$23,500.00
Additional field engineering time, 10-30 days	\$63,100.00	\$60,000.00	facilities. N/A	N/A
Channel 14 Mask Filter	\$189,500.00	\$0.00	per 5-29-19-FCC email recommendation we zeroed out the Mask filer and moved the CH14 Mask Filter dollars to the allotment to the TX line item.	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	\$0.00
Service entrance 3 phase/800 amp 208 volt	\$14,400.00	\$13,700.00	N/A	N/A
JHF - Liquid Cooled Solid State Fransmitter 52 61 kW	\$1,788,000.00	\$1,458,394.10	6-3-AMENDED est PER 5-29 email to equal TX plus CH14 Mask Filter Validation. \$1,223,584.00 - TX \$234,809.90 - CH14 Mask Filter. zeroed out MK line	\$1,312,291.83

Switchgear - industrial 800 amp	\$38,200.00	\$83,440.74	PER Q-62047 - THE RF ACCESSORIES QUOTE LINE C IS MORE THAN THE PREDETERMINED SWITCHGEAR EST COST.	\$0.00	Q-6 ACCI - more lift Acc other knows of we the the thin S
2" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$12,500.00	N/A	\$1,599.65	
25 Ton system	\$91,500.00	\$87,000.00	We reviewed the transmitter transition plans and with an additional 25 tons of HVAC installed in the new section of the transmitter room it is estimated that the required environmental conditions to operate the new transmitter config can be obtained.	\$40,480.00	
Sub-total	\$3,714,586.98	\$3,186,461.82	N/A	\$2,393,569.64	
Total for all systems	\$6,259,766.59	\$5,575,956.43	N/A	\$3,631,333.61	

#### Components

<b>Actual Information</b>	
Description	File Name

UHF - Liquid Cooled Solid State Transmitter 14.2 -20 kW

Component Description: Gates-INT TX -

KTIV - 1/3 dep lines A, B and E - see revised INV and Q-

62042

**Amount:** \$186,164.25

Component Description: KTIV-Gates-INT TX

- BALANCE INV TE10004377-3-LINES A, B and E of quote Q-62042

**Amount:** \$181,883.52

Component Description: Gates-INT TX -

KTIV - 2nd

payment- LINES lines A, B and E - of quote Q-62042 uploaded- see for

details.

**Amount:** \$186,164.25

Switchgear - industrial 800	0	
amp	Component Description:	Gates - INT TX- KTIV - ELEC line D see inv and quote Q- 62042
	Amount:	\$1,665.83
	Component Description:	Gates - INT TX- KTIV - ELEC line D see Quote Q-62042 -2nd invoice uploaded
	Amount:	\$1,665.83
	Component Description:	KTIV-GATES INT TX INV TE10004377-3 -line D Quote Q-62042- SWITCHGEAR
	Amount:	\$1,665.83
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
25 Ton system	Information not provided.	

JHF inside RF system ncluding switching		
icidaling switching	Component Description:	Gates- INT TX - RF
		- KTIV - Line C -
		INV TE10004377-3
		Q-62042-76148-
		ENGR CHANGED
		RF UNIT
	Amount:	\$10,921.81
	Component Description:	Gates- INT TX - RF
		- KTIV - Line C - for
		2nd inv from Quote
		- Q-62042 uploaded
	Amount:	\$10,921.81
	Component Description:	Gates- INT TX - RF
		- KTIV - Line C
	Amount:	\$10,921.81
Freight - TX eq		
	Component Description:	KTIV-GATES-INT
		INV TE10004337-3
		- FREIGHT
	Amount:	\$7,700.00
Transmitter Site		
Preparation	Component Description:	KTIV-PREP-
		INTERIM - INV-
		QC18-057
	Amount:	\$5,000.00

Sales Tax est **Component Description:** KTIV- GATES-INT TX - Sales tax PORTION OF TE10004377-3 \$13,622.97 Amount: **Component Description:** KTIV- INTERIM TX - EST sales tax as shown on inv TE10004377-2 and QUOTE - Q-62042 uploaded - added the rounding error 1 cent. 3-8-18

\$13,912.64

Amount:

Transformer 3 phase/480v - 300 KVA **Component Description:** KTIV- Gates- Main Tx -Q-62047 - Line D - FOR -72 COST \$4,332.94 Amount: **Component Description:** Gates- Main Tx -KTIV - Q-62047 -Line D Amount: \$4,332.94 **Component Description: KTIV - GATES** MAIN - LINE D **ELECTRIC - OPEN** PER QUOTE Amount: \$4,069.74 **Component Description:** KTIV- Gates- Main Tx -Q-62047 - INV TE10004376-Line D RESUBMITTED 7-27 Amount: \$4,332.94

**Component Description:** 

Amount:

KTIV-SCHRAMM-

TRANSFORMER-

ELEC-

INV2739

\$26,970.00

### ELECTRICAL EQ INSTALLATION

Component Description: Main - Schramm -

electric demo - INV

3140 - PO 20610

**Amount:** \$6,650.05

Component Description: KTIV- SCHRAMM-

**ELEC MAIN TX-**

INV 2952

**Amount:** \$20,901.50

Component Description: KTIV-SCHRAMM-

ELEC- MAIN TX - INV 2806 -RESUB-

3-7-19

**Amount:** \$46,954.00

Component Description: KTIV-SCHRAMM

ELEC -MAIN TX-

INV 2873

**Amount:** \$21,044.10

Component Description: KTIV- SCHRAMM

PO - TO FINISH TX- INV 2857 QUOTE ADDED

**Amount:** \$3,076.25

RF Accessories-other		
	Component Description:	KTIV- GATES MAIN - 3RD INV TE10004376-3 LINE C UPGRADE ONLY - ROUNDING DOWN ERROR OF 1 CENT FOR LINE C DUE TO ONE THIRD CALCULATION
	Amount:	\$29,774.96
	Component Description:	KTIV-Gates-INV TE10004376-2- LINE C. RF Accessories per Q- 62047 - 2nd 1/3 payment OF -72
	Amount:	\$29,774.97
	Component Description:	KTIV-GATES-RF

ACCESS-INV

TE10004376 - LINE C - RESUBMITTED

7-27

Amount: \$29,774.97

Sales Tax - Non Exempt - A	Component Description:	Gates - Main Tx -
	Component Description.	KTIV - INV for Sales
		tax est see Q-
		62047. We can true
		up on final invoice
		for TX if preferred.
	Amount:	\$44,521.39
	Component Description:	KTIV-GATES-MAIN-
		TX-SALES TAX 1ST INV -
		TE100043766-13-
		PER 5-21-RFAS-
		REMOVED EST
	Amazinti	TAX
	Amount:	N/A
	Component Description:	KTIV-GATES-MAIN-
		TX-SALES TAX
		2ND INV -
		TE10004376-2- 6- 13- ZEROED OUT
		PER RFAS 5-21
	Amount:	N/A
	Component Description:	KTIV - GATES -
		MAIN - SALES TAX
		AT 7 PERCENT
		WAS DUE AND PAID.
	Amount:	\$101,177.09
		Ţ, <del></del>
Site Survey - TX	Component Description	KTIV - SURVEY -
	Component Description:	INV-QC18-025
	Amount:	\$18,500.00

	Component Description	7-26-18 -
	Component Description:	ELIMINATING THE
		EST TAX FOR THIS SUBMITTAL.
	Amount:	N/A
Transmitter - Training	Information not provided.	
Channel 14 remediation		
	Component Description:	KTIV-RF NOTE- CH14 REQUIRES LM NOTIFICATION- LAST PAGE HAS QUOTE WITH PO 20008 THAT CLEARLY SHOWS TWO 5000 PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED
	Amount:	\$5,000.00
	Component Description:	KTIV-RF NOTIFICATIONS - CH14 LM NOTICES - INV 1005 - QUOTE AND VERIFIED- RESUB 3-7-19-3-21-date change
	Amount:	\$5,000.00
	Component Description:	KTIV-RF NOTIF - LAND MOBILE INV 1005

Component Description: KTIV-RF NOTE-

INV 1015-CH14 FCC REQUIRES LM NOTIFICATION-LAST PAGE HAS QUOTE WITH PO 20008 THAT

**CLEARLY SHOWS** 

TWO 5000

PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED

**Amount:** \$5,000.00

Component Description: KTIV- RF NOTIF -

LAND MOBILE -

INV 1015

**Amount:** \$5,000.00

Component Description: KTIV - RF

NOTIFICATIONS -CH14 LM NOTICES - QUOTE AND VERIFIED -RESUB

3-7-19

**Amount:** \$5,000.00

Securirty - Site		
•	Component Description:	KTIV- SECURITY - INV 23976- 111-20
		THIS 1 OF 4 INV. 2 AND 3 PAID 4TH
		UPLOADED 12-21- ADDED EMAIL
		DETAILS OF HRS AND PO MATRIX-
		RESUB-3-7-19- DATES
	Amount:	CORRECTED \$6,779.52
		·
	Component Description:	KTIV-SECURITY-5
		/31-6/9 ON SITE INV23792
	Amount:	\$2,942.50
	Component Description:	KTIV- LAST OF 4
		INVOICES FOR SITE SECURITY KTIV-KMEG KPTH -
		12-21- NO FURTHER INFO.
		LAST INV FOR 60 HRS FOR PERIOD
		OF 7-8 TO 7-21 AT 22 DOLLARS PER
		HR PER LAST
		PAGE OF QUOTE AND PO
	Amount:	\$1,412.40
	Component Description:	KTIV-SECURITY-6
		/10-6/23-ON SITE- INV-23878
	Amount:	\$4,519.68
ransmitter Site		KTIN DDED MAN
	Component Description:	KTIV-PREP- MAIN- INV- QC18-057
	Amount:	\$10,500.00

Disconnect existing Transmitter	Component Description:	KTIV- QCOMM- DECOMM -
		TRANSMITTER - INV Q19-013
	Amount:	\$23,500.00
Additional field engineering time, 10-30 days	Information not provided.	
Channel 14 Mask Filter	Information not provided.	
RF Consulting Engineer	Information not provided.	
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
	1	

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW

**Component Description:** KTIV- GATES

MAIN- 3RD INV TE10004376-3-SEE MATRIX -LINE A AND B-UPGRADE ONLY -SEE NOTES 5-29

FCC EMAIL

**Amount:** \$416,916.32

Component Description: KTIV-GATES-MAIN

TX -1ST- INVOICE TE10004376-per Q-62047 lines A, B

and E

**RESUBMITTED 7-**

27

**Amount:** \$447,687.75

Component Description: KTIV- QCOMM -

INSTALLATION -PROOF CH14 TURN UP SUPPORT INV QC19-003

\$10,000.00

Component Description: KTIV-GATES-MAIN

Amount:

TX -2ND- INVOICE TE10004376-2 per Q-62047 lines A, B and E- PER 7-20-18 RFAS- ROUNDED UP 1 CENT.

**Amount:** \$447,687.76

Component Description: MAIN TX DEPOSIT

INVOICE KTIV per Q-62047 lines A, B

and E

**Amount:** \$603,873.41

Switchgear - industrial 800 amp		
-····P	Component Description:	Gates- MAIN TX -
		RF KTIV - Q-62047
	A	line C.
	Amount:	\$27,813.58
	Component Description:	KTIV-Gates- MAIN
		TX - RF - Q-62047
		line C. 5-1 -
		ZEROED out and
		added to Line Item -
		RF Accessories-
	A	other
	Amount:	N/A
	Component Description:	KTIV-Gates- MAIN
		TX 1ST INV
		TE10004376 RF -
		Q-62047 line C 6-
		13 ZEROED OUT
		AND MOVED TO
		RF COMP LINE
		ITEM
	Amount:	N/A
2" Rigid Conduit and		
Wiring (Cost per foot)	<b>Component Description:</b>	KTIV- SCHRAMM
		ELEC -CONDUIT-
		INV 3010- QUOTE
		ADDED
	Amount:	\$1,599.65

Component Description:	KTIV - CW Suter -
Component Description.	HVAC system - INV
	Jc6294 - PO 20546.
	NOTE: system does
	not allow for an "&"
	in the Vendor
	Name. Vendor
	name is actually
	CW Suter & Son,
	Inc. "And" is used in
	place of "&".
Amount:	\$40,480.00

# **Cost Information**

#### **Antennas**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C Justifica
Interim Antenna TFU-24WB-1- R	\$111,130.00	\$106,200.00		\$29,541.56	
Elbow complex, broadband, at antenna input, per 6 1 /8. feedline (if needed)	\$13,700.00	\$13,300.00	This cost will be shared with KPTH and KTIV, and KPTH is purchasing this equipment.	\$11,141.56	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	each station requires a combiner to make the interim shared line and antenna work.	\$12,000.00	N/A
SWEEP NEW LINE AND ANTENNA	<i>\$6,500.00</i>	\$6,500.00	SWEEP FINAL CONFIGURATION OF INTERIM ANTENNA AND LINE BEFORE TURN UP.	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized	\$0.00	\$0.00	Cost of antenna is included in the KPTH deal. Shared with KTIV, KPTH and KMEG.	N/A	N/A

Primary Antenna TFU-31ETT	\$345,430.00	\$289,900.00		\$255,395.87	
UHF - High Power Top Mount (200- 1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$235,000.00	Verified amount 10-12-17 - the change in antenna from the preliminary model does not affect the verified amount	\$223,036.88	N/
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/
Elbow complex, broadband, at antenna input, per 6 1 /8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	\$9,000.45	N/
SWEEP NEW ANTENNA AND LINE	\$10,500.00	\$10,500.00	SWEEP FINAL CONFIGURATION OF INTERIM ANTENNA AND LINE BEFORE TURN UP. MAY REQUIRE MULTIPLE SWEEPS.	\$4,750.00	N/
FREIGHT EQUIPMENT	\$25,000.00	\$25,000.00	FREIGHT FOR ANTENNA AND LINE FOR THE INTERIM AND MAIN NEW SYSTEM FROM MFG TO STORAGE OR STAGING AREA.	\$12,848.54	N/
Sub-total	\$456,560.00	\$396,100.00	N/A	\$284,937.43	N
Total for all systems	\$6,259,766.59	\$5,575,956.43	N/A	\$3,631,333.61	N/

### Components

Actual Information Description	File Name	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	KTIV- DIE - INTERIM ELBOW COMPLEX PARTS - INV 277011
	Amount:	\$9,000.00
	Component Description:	KTIV- INTERIM ANT LINE REDUCER CONNECTION - PART PLUS FREIGHT - NOT QUOTED.
	Amount:	\$2,141.56
Sweep test of existing antenna	Component Description:	KTIV- DIE - SWEEP INT ANT - INV 323009
	Amount:	\$6,400.00
New combiner, cost per channel (without antenna)	Component Description:	KTIV-QCOMM- COMBINER INSTALLATION FOR INTERIM OPERATIONS INV QC19-006
	Amount:	\$12,000.00
SWEEP NEW LINE AND ANTENNA	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized	Information not provided.	

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

Component Description: MAIN-ANTENNA-

35% 11/1- LINES

1,2 AND 3.

**Amount:** \$86,736.56

Component Description: KTIV-DIE-MAIN-

2ND 45PERCENT -INV MAN00247 LINES 1,2 AND 3.

Order Conf -402001. V-POL upgrade is line 26 not billed to FCC.

INV LESS 18,765.00 UPGRADE amended 399 Antenna model

**Amount:** \$111,518.44

Component Description: KTIV-DIE-MAIN-

2ND 45PERCENT INV MAN00247
LINES 1,2 AND 3.
3-29-Uploaded
Order Conf 40200. V-POL
upgrade is line not
billed to FCC.

\$111,518.44

Component Description: MAIN ANTENNA -

DEPOSIT 10% LINES 1,2 AND 3.

**Amount:** \$24,781.88

Amount:

Sweep test of existing antenna	Component Description:	KTIV-MAIN SWEEP- 2ND 45%- LINE 25.
	Amount:	MAN00247 \$2,880.00
	Component Description:	MAIN ANTENNA SWEEP- 35%-LINE
	Amount:	25. \$2,240.00
	Component Description:	MAIN ANTENNA - SWEEP TEST - DEPOSIT 10% -
	Amount:	LINE 25 \$640.00

Component Description: KTIV-DIE-MAIN-

2ND 45PERCENT -INV MAN00247 LINE 25. Order Conf - 402001.

**Amount:** \$2,880.00

Elbow complex, broadband, at antenna **Component Description:** KTIV-DIE-ELBOW input, per 6 1/8. feedline (if 2ND 45% - LINE 4. needed) 3-29-uploaded Order Conf. 402001 - Line 26 is V-POL upgrade not billed to FCC Amount: \$4,835.70 **Component Description:** ELBOW -DEPOSIT 10% -LINE 4 Amount: \$925.50 **Component Description:** ELBOW - 35% -LINE 4. Amount: \$3,239.25 **Component Description:** KTIV-DIE-MAIN-2ND 45PERCENT -

**INV MAN00247** LINE 4. Order Conf

- 402001

Amount: \$4,835.70

**SWEEP NEW ANTENNA** AND LINE

**Component Description:** KTIV- RUCK -

> MAIN LINE AND ANT SWEEP FOR TURN UP ON CH14 - INV 1801294

Amount: \$4,750.00

#### FREIGHT EQUIPMENT

Component Description: KTIV-MAIN ANT -

FREIGHT- INV-

162009

**Amount:** \$11,378.83

Component Description: KTIV- DIE

FREIGHT FOR

MAIN LINE PARTS

INV 242028

**Amount:** \$420.07

Component Description: KTIV-DIE-

FREIGHT -

INTERIM ELBOX COMPLEX INV

277011

**Amount:** \$1,049.64

# **Cost** Information

#### **Transmission Line**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$635,600.00	\$605,640.00		\$473,728.69	
Rigid Transmission Line - copper, 7 3 /16"	\$620,600.00	\$590,640.00	N/A	\$458,728.69	N/A
Disconnect existing Interior RF components	\$15,000.00	\$15,000.00	Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities.	\$15,000.00	N/A
Sub-total	\$635,600.00	\$605,640.00	N/A	\$473,728.69	N/A
Total for all systems	\$6,259,766.59	\$5,575,956.43	N/A	\$3,631,333.61	N/A

### Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 7 3/16"	Component Description:  Amount:	KTIV - Dielectric - T /L length - INV 187002 - PO 19938 \$5,618.15

Component Description: Dielectric - T/L,

elbow - INV 317001

- PO 19938

**Amount:** \$7,605.00

Component Description: Dielectric - T/L,

xfmr, freight - INV 277013 - PO 19938

**Amount:** \$4,939.69

**Component Description:** KTIV-DIE-ANT

LINE - 2ND 45% INV MAN00247 -LINES 5,30 AND 31

**Amount:** \$213,570.34

Component Description: KTIV- DIE LINE

PARTS FOR MAIN

INV 252015

QUOTE 1696618

**Amount:** \$3,500.00

Component Description: TX LINE - MAIN -

35% -11/1 LINE 5.

**Amount:** \$163,630.95

Component Description: KTIV- DIE -LINE

PARTS FOR MAIN ANTENNA - INV 242008 PO 20350

**Amount:** \$163.00

Component Description: KTIV-DIE-MAIN-

2ND 45PERCENT -INV MAN00247 LINES 5,30 AND 31. Order Conf -

402001.

**Amount:** \$213,570.34

Component Description: KTIV- DIE - MAIN

LINE PARTS INV 242048 INV 2 OF

PO 20350

**Amount:** \$1,300.00

Component Description: MAIN-TX LINE-

10% LINE 5.

**Amount:** \$46,751.70

Component Description: Dielectric - T/L,

freight - INV

318006, PO 19938

**Amount:** \$11,649.86

Disconnect existing Interior RF components

Component Description: KTIV-QCOMM

DECOMM - RF COMPONENTS

INV QC19-013

**Amount:** \$15,000.00

# **Cost** Information

### **Tower Equipment and Rigging Costs**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

<b>Description Primary</b>	Predetermined Cost Estimate \$862,000.00	Estimated Cost \$819,000.00	Estimated Cost Justification	Actual Cost \$161,762.60	Actual Cost Justification
Tower TOWER		,		,	
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	N/A	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$161,762.60	N/A
Sub-total	\$862,000.00	\$819,000.00	N/A	\$161,762.60	N/A
Total for all systems	\$6,259,766.59	\$5,575,956.43	N/A	\$3,631,333.61	N/A

### Components

Actual Information Description	File Name
Structural engineering tower load study for a documented tower with candelabra	Information not provided.

Major tower reinforcement /modifications	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or	Component Description:	Final invoice on PO
stacked antennas)		20012; Tower
stacked afficilias)		work; INV 7573;
		PO 20012. Amount
		includes taxes not
		calculated on
		original PO.
	Amount:	\$53,928.00
	Component Description:	KTIV- PCI - ANT
		INSTALL -
		ACCEPTANCE
		INV - 7473
	Amount:	\$53,917.30
	Component Description:	KTIV-TOWER
	- Compension 2000 ipiloti	CREW ARRIVAL 5-
		2-18- AT SITE INV.
		7241
	Amount:	\$53,917.30

# **Cost Information**

#### **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Justifi
Outside Professional Services	\$476,439.61	\$456,639.61		\$306,976.29	
General Repack Legal Services	\$20,000.00	\$20,000.00	memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399- 3-5-19 - legal services budget required additional funds to complete the PH 1 CH14 and shared facilities issues. Consolidate other open Legal billable line items.	\$19,783.57	
Project management of the transition	\$221,990.00	\$210,750.00	QC18-018- 480.00 WAS NOT SPLIT OUT TO PM TRAVEL LINE ITEM CAUSING THE PM TOTAL TO BE OVER REPORTED BY 480.00 AND TRAVEL UNDERSTATED 480.00. WE WILL REDUCE TRAVEL BY THE SAME AMOUNT.	\$210,622.50	

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	NEW ( 14 AN AND APPL REG MOR THE N AMO ATTI DUE MC INTERI
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$1,175.00	
Prepare request for Special Temporary Authorization	\$8,200.00	\$6,000.00	N/A	\$1,500.00	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,901.00	

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$1,895.00
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$14,720.00	\$14,000.00	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A
Quarterly reporting	\$5,000.00	\$5,000.00	Preparation and submittal of the FCC required quarterly report 387 by PM and attorney.	N/A

Vendor Travel Expenses	\$21,485.00	\$21,485.00	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. Q- 17002-3-8-19 MINUS 480.00 TO OFFSET QC18-018 BEING CHARGED TO PM.	\$18,978.61	4-2-revise QC17 corre
Electric work and materials for Interim and Main	\$38,270.61	\$38,270.61	***System Notice: Estimate adjusted and locked because line has been superseded. ***ELECTRICAL MATERIALS AND WORK FOR BOT INTERIM AND MAIN TRANSFORMER PER SCHRAMM QUOTE AND PO 20224.	\$38,270.61	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	

Plumbing work for TX cooling systems	\$33,384.00	\$33,384.00	KTIV- Plumbing for cooling systems fro new transmitters both Interim and Main. per local contractor Quote attached to inv.	\$9,850.00
Sub-total	\$476,439.61	\$456,639.61	N/A	\$306,976.29
Total for all systems	\$6,259,766.59	\$5,575,956.43	N/A	\$3,631,333.61

#### Components

Actual Information Description	File Name	
General Repack Legal Services	Component Description:	Legal services for repack for period ending December 2017
	Amount:	\$658.00
	Component Description:	General Repack Legal Services for period ending April 2018. \$28.28 is KTIV portion.
	Amount:	\$28.28
	Component Description:	General Repack legal services for KTIV for period ending February, 2018. \$28.29 KTIV portion. See attached cover sheet.
	Amount:	\$28.29

Component Description: KTIV Repack

Legal Services; KTIV license

Amount:

\$52.00

Component Description: KTIV Repack

Legal Services;

KTIV License

**Amount:** \$208.00

Component Description: General Repack

Legal services for period ending March, 2018. \$28.29 is KTIV

portion.

**Amount:** \$28.29

**Component Description:** 10/28/19 KTIV-

Brooks-Gen Legal Dec. '17, INV 3947925 \$40.29 is

KTIV portion

**Amount:** \$40.29

Component Description: KTIV-BROOKS-

LEGAL INV

3949052 - JAN18

**Amount:** \$49.50

**Component Description:** KTIV - LEGAL

fees - FEB18 -INV 3950146 4-16- changed inv

date

**Amount:** \$49.50

Component Description: KTIV - BROOKS

LEGAL SEPT18 -INV 3958277

**Amount:** \$3,811.50

Component Description: KTIV-BROOKS -

LEGAL DEC18 INV 3961871

**Amount:** \$247.50

Component Description: Brooks General -

JUNE 17 -inv-1 /7th INV 3941325

CL

**Amount:** \$266.44

Component Description: KTIV- BROOKS

JULY18-LEGAL INV 3955730 \$1,386.00

**Amount:** \$1,386.00

Component Description: KTIV- BROOKS -

MAY18 - INV 3953757

**Amount:** \$396.00

Component Description: KTIV-BROOKS-

JUNE18-INV 3954662

**Amount:** \$99.00

Component Description: KTIV-BROOKS

GEN LEGAL MAY17-INV

3940170 - RESUB 3-7-19 - 3-21-ADDED

**GENERAL MEMO** 

11-17

**Amount:** \$190.86

Component Description: Brooks-General

Fee May-17-1/7th

**Amount:** \$190.85

Component Description: KTIV-BROOKS-

LEGAL - OCT18 -

INV 3959627 **Amount:** \$1,914.00

Component Description: Brooks-General-

OCT17- inv 1/7th

**Amount:** \$322.28

Component Description: KTIV-BROOKS-

GEN LEGAL JULY17 INV

3942230 -RESUB 3-7-19-3-21 ADDED GEN

МЕМО

**Amount:** \$275.00

Component Description: Brooks-General -

Sept-17-INV 1/7th

**Amount:** \$80.57

Component Description: Brooks-General-

NOV17-inv 1/7th

**Amount:** \$221.57

Component Description: Brooks-General-

July 17 - inv 1/7th

**Amount:** \$275.00

Component Description: KTIV- BROOKS

GEN LEGAL -JUNE17 - INV 3941325 RESUB

3-7-19

**Amount:** \$266.44

Component Description: KTIV- BROOKS -

MAR18-

INV3951194

**Amount:** \$148.50

Component Description: KTIV - BROOKS -

APRIL18-

INV3952577

**Amount:** \$330.00

Component Description: KTIV-BROOKS -

LEGAL DEC18 -

INV 3960716

**Amount:** \$6,637.50

Component Description: Brooks-General -

AUG 17 - inv 1/7th

**Amount:** \$117.85

Component Description: General Repack

Legal Services for period ending January 2018

**Amount:** \$35.35

Component Description: KTIV-BROOKS-

LEGAL AUG18 -INV 3957117

**Amount:** \$2,161.50

Project management of the		
transition	Component Description:	KTIV-QCOMM-
		PM-INV QC17-
		144 -MAR THRU
		AUG17- QTE
		QC17002-RFAS
		INFO UPLOADED
	Amount:	\$24,187.50
	<b>Component Description:</b>	KTIV-QCOMM -
		PM AUG-NOV 18
		- INV QC19-015
	Amount:	\$59,175.00
	Component Description:	KTIV-QCOMM-
		PM 8-18-17- INV
		QC18-018
	Amount:	\$23,295.00
	Component Description:	KTIV- QCOMM-
		PM-APRIL-
		JULY18 -INV
		QC18-063 PO
		19807-20391
		ADDED CL
	Amount:	\$78,577.50
	Component Description:	KTIV- PM- 1
		THRU 3-18 INV
		QC18-047
	Amount:	\$25,387.50
Prepare and or review	Information not provided.	
reimbursement form		
Address transition timing	Information not provided.	

Perform engineering study or new channel assignment		
and antenna development	<b>Component Description:</b>	ENGR - NEW
		CHANNEL AND
	Amount:	399 \$2,850.00
	Amount.	φ2,630.00
	Component Description:	CP ALT CH
		ANALYSIS
	Amount:	\$5,210.00
Prepare engineering section		
of FCC Form 2100 (main),	Component Description:	KTIV-LOHNES-
License to Cover Application		FORM 2100-
		PREP- INV
		201811-0275-09-
		1- 3-21 ADDED
		RATE SHEET
	Amount:	\$1,175.00
Prepare request for Special		
Temporary Authorization	Component Description:	KTIV-LOHNES-
		STA- INV 201809-
		0275-09-1 - 3-21
		ADDED RATE
		SHEET
	Amount:	\$1,500.00

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application

Component Description: ATY FEES MAY

17 CP \$453.00

Amount:

Component Description: ATTY FEES CP -

KTIV MAY17

Amount:

\$752.00

**Component Description:** 

ATTY FEES CP -AUG 17 KTIV

**Amount:** 

\$2,820.00

**Component Description:** 

Brooks- Legal-KTIV-NOV17-inv

Amount:

\$329.00

**Component Description:** 

ATTY - CP SEPT

17 FEES

**Amount:** 

\$141.00

**Component Description:** 

ATTY FEES -KTIV - JUNE 17

СР

Amount:

\$359.00

**Component Description:** 

Brooks-KTIV-NOV17-legal-inv

Amount:

\$47.00

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application Information not provided.

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description:	CH 14 NEW FACILITY SHARED WITH KPTH AND KMEG
	Amount:	\$1,895.00
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Quarterly reporting	Information not provided.	
Vendor Travel Expenses		
	Component Description:	KTIV-QCOMM-
		PM TRAVEL-AUG-
		NOV-18 -INV
	Amount:	QC19-015
	Amount.	\$16,560.00
	Component Description:	KTIV-QCOMM-
		PM-Travel
		expenses INV -
		QC17-144-
		QUOTE QC17002
		- RFAS DOES NOT AFFECT
		THIS ITEM
	Amount:	\$2,418.61
Electric work and materials		
for Interim and Main	Component Description:	KTIV-SCHRAMM
		ELEC-INV2759
	Amount:	\$16,657.23
	Component Description:	KTIV-SCHRAMM-
		ELEC-INV 2781 6-
		13-corrected \$

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	ENGR - CP - \$1,885.00
Plumbing work for TX		
cooling systems	<b>Component Description:</b>	KTIV- FOULK -
		PLUMBING INV
		3802866 -
		PROGRESS
		PAYMENT
	Amount:	\$6,000.00
	Component Description:	KTIV- FOULK -
		PLUMBING INV
		381368 - 2ND INV
		FOR PROGRESS
		PAYMENT
	Amount:	\$3,850.00

## **Cost Information**

#### **Other Expenses**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co
Other Expenses	\$63,580.00	\$63,015.00		\$10,358.96	
SITE SAFETY AND CLEARING PREP	\$3,500.00	\$3,500.00	CLEAR THE CONTROLLED AREA AROUND THE TOWER OF BRUSH AND APPLY INSECTICIDE TO PREVENT ACCIDENTS AND PROMOTE A SAFE SITE AND MINIMIZING RISK.	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	Rent 40 yard dumpster with multiple pickups. Estimated 6- months on site. Potential hazardous waste management issues.	\$4,273.96	N/A
Equipment Delivery and Handling Charges	\$8,000.00	\$8,000.00	Transport and handling fees from staging area to transmitter site.	\$3,135.00	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	Required FCC notifications.	N/A	N/A

Develop and air announcement of upcoming channel change	\$15,000.00	\$15,000.00	Required FCC announcements and good will public relations must we upheld. The production airing and disseminating of these announcements are fundamental to our operations.	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	Expecting multiple staggered equipment deliveries from different vendors and need to store and stage new equipment prior to installation date. Anticipate from 6-24 months of storage time.	\$0.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
Sub-total	\$63,580.00	\$63,015.00	N/A	\$10,358.96	N/A

#### Components

Actual Information Description	File Name	
SITE SAFETY AND CLEARING PREP	Component Description:  Amount:	KTIV- SITE CLEARING-PEST- JAY LAN - INV NONE GIVEN - USING ACCOUNT NO. 5961 \$2,006.25
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:  Amount:	KTIV- BIG S DISPOSAL AND MATERIAL HANDLING - INV 8 - 3-7- ADDED QUOTE \$1,165.00
	Component Description:  Amount:	KTIV-LINDBLOM-ROLLOFF - MAY18 - INV 83469 -11-20-this is standard rate roll-off and no quote available- 12-21-ADDED EMAIL RATE SHEET FROM LINDBLOM \$374.25
	Component Description:	KTIV- LINDBLOM- DISPOSAL - AUG18 - INV 86175
	Amount:  Component Description:  Amount:	\$688.87  KTIV-LINDBLOM - DISPOSAL JULY18 - INV 85311 \$343.04
	Allount.	ψυτυ.υτ

Component Description: KTIV-LINDBLOM-

**DISPOSAL OCT18** 

- INV 87588

**Amount:** \$535.21

Component Description: KTIV-LINDBLOM-

DISPOSAL

SEPT18 -INV 87293

**Amount:** \$96.30

Component Description: KTIV -LINDBLOM-

DISPOSAL NOV18 2ND BOX- 1ST RELEASED 11-9 INV 88276 - LATE FEE DEDUCTED 5

DOLLARS

**Amount:** \$288.90

Component Description: KTIV-LINDBLOM-

DISPOSAL FEB19

INV 89883

**Amount:** \$224.49

Component Description: KTIV-LINDBLOM-

**DISPOSAL NOV18** 

INV 88375

**Amount:** \$292.54

Component Description: KTIV- LINDBLOM -

ROLLOFF MAY18 -INV 84872- 11-20 stand roll off price no quote. 12-21-ADDED EMAIL RATES FROM LINDBLOM

**Amount:** \$96.30

Component Description: KTIV-LINDBLOM -

DISPOSAL JAN19

INV 89788

**Amount:** \$99.51

Component Description: KTIV-LINDBLOM-

DISPOSAL DEC18 -

INV 89278

**Amount:** \$69.55

Equipment Delivery and		
Handling Charges	Component Description:	KTIV-BIG S - OFFLOAD TX LINE AND EQUIPMENT FROM DELIVERY TRUCK INV 12 - RESUB W QUOTE 3-7-19
	Amount:	\$840.00
	Component Description:	KTIV- CASEYS- DELIVERY OF EQ FROM STORAGE STAGING FACILITY. INV 1020
	Amount:	\$2,500.00
	Component Description:	KTIV- BARHHART- LIFTING AND SETTING NEW CIF FILTER - PART OF MATERIAL HANDLING OF TX INSTALLATION COVERED UNDER GATES INSTALL. INV 46410
	Amount:	\$2,295.00
	Component Description:	KTIV- CASEYS DELIVERY OF ADDITIONAL TX LINE FROM STORAGE STAGING FACILITY. 3-8-19 not reimbursable -

Amount: N/A

MVPD Notification of Channel Change

Information not provided.

Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Component Description: Amount:	KTIV-Storage inv- part of INV1002 \$3,600.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	KTIV-RF Notification-inv-1005 \$5,000.00
	Component Description: Amount:	KTIV-RF NOTIF- MED - INV 1029 \$2,950.00

### Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$6,259,766.59	\$5,575,956.43	\$3,631,333.61

No

# Reimbursement Response Status The facility has ceased operating on its preauction channel. Construction of final facilities or all No

All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.

necessary modifications are complete.

Section Question Response

#### Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

01/08/2020

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
  Person signing
  below certifies and
  represents that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

01/08/2020

#### **Attachments**